

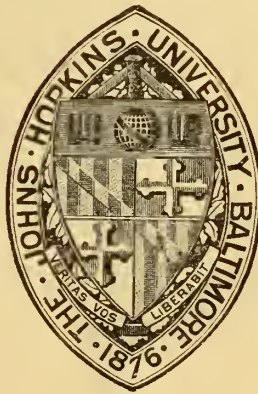
Dr. G. M. S.

THE JOHNS HOPKINS UNIVERSITY
BALTIMORE

CONFERRING OF DEGREES

AT THE CLOSE OF THE FIFTY-SIXTH ACADEMIC YEAR

JUNE 14, 1932



IN THE LYRIC THEATRE

AT 4 P. M.

MARSHALS

Professor WILLIAM O. WEYFORTH
Chief Marshal

Aids

Dr. W. S. HOLT
Dr. R. T. ABERCROMBIE
Dr. G. H. EVANS
Mr. M. W. PULLEN

Dr. E. E. FRANKLIN
Dr. E. C. ANDRUS
Dr. W. W. FORD
Dr. J. HART

USHERS

J. GAILLARD FREY
Chief Usher

RONALD A. BAKER, JR.
MARTIN E. CORNMAN
CHARLES H. DAVIS
JOHN HENDERSON III

C. ALBERT KUPER, JR.
EUGENE D. LYON
JAMES G. MCCABE
AUSTIN D. MURPHY

LEWIS G. VON LOSSBERG

The musical program is under the direction of Philip S. Morgan and is presented by the Johns Hopkins Orchestra, John Itzel, Conductor.

ORDER OF EXERCISES

I

ACADEMIC PROCESSION

“March Militaire”—*F. Schubert*

II

INVOCATION

The Reverend NOBLE C. POWELL, D. D.
Rector of Emmanuel Church

III

ADDRESS

THE PRESIDENT OF THE UNIVERSITY

IV

“Morgenstimmung” from Peer Gynt Suite—*E. Grieg*

V

CONFERRING OF DEGREES

Bachelors of Arts, presented by Dean BERRY
Bachelors of Engineering, presented by Professor KOUWENHOVEN
Bachelors of Science in Chemistry, presented by Professor KOUWENHOVEN
Bachelors of Science in Economics, presented by Professor HOLLANDER
Bachelors of Science, presented by Professor BAMBERGER
Recipients of Certificates in Public Health, presented by Dean FROST
Master of Education, presented by Professor BAMBERGER
Masters of Engineering, presented by Professor CHRISTIE
Master of Science in Hygiene, presented by Dean FROST
Masters of Arts, presented by Professor MILLER
Doctors of Education, presented by Professor BAMBERGER
Doctors of Engineering, presented by Professor CHRISTIE
Doctors of Public Health, presented by Dean FROST
Doctors of Science in Hygiene, presented by Dean FROST
Doctors of Medicine, presented by Dean CHESNEY
Doctors of Philosophy, presented by Professor MILLER

VI

CONFERRING OF COMMISSIONS IN THE OFFICERS' RESERVE CORPS

VII

PRESENTATIONS

Portrait of

Dr. HUGH HAMPTON YOUNG, Professor of Urology

BY

ERIC HAUPT

Dr. LEWELLYS FRANKLIN BARKER, Professor Emeritus of Medicine

Portrait of

Dr. DEAN LEWIS, Professor of Surgery

BY

ERIC HAUPT

Dr. JOHN M. T. FINNEY, Professor of Surgery

VIII

ANNOUNCEMENTS

THE PRESIDENT OF THE UNIVERSITY

IX

“Stars and Stripes Forever”—*J. P. Sousa*

X

BENEDICTION

CANDIDATES FOR DEGREES

BACHELORS OF ARTS

RALPH MAXMILLIAN ABRAHAMS, of New York	J. DAVID JUTKOWITZ, of New York
LEO MOSES ALPERT, of Maryland	LOUIS JOSEPH KROLL, of Maryland
THOMAS MCADAM BECK, of Maryland	MILTON W. KRONSBURG, of Maryland
MILTON BERNSTEIN, of Maryland	LEONARD KRULEVITZ, of Maryland
EUGENE BUSSEY, of Maryland	SYLVAN LEBOW, of Maryland
WILLIAM ELLIOTT HUGHES CALDWELL, II, of West Virginia	RONALD BRAIN LEVY, of Maryland
ELMER EARL CARPENTER, of New York	W. BOUGHTON LITTLEPAGE, of Maryland
ROLANDO AUGUSTO CHANIS, of Panama	COSMO GLENN MACKENZIE, of Maryland
LEONARD HECHT COHAN, of Maryland	BENJAMIN WILTSHIRE MEEKS, Jr., of the District of Columbia
ELBERT COHEN, of Maryland	DANIEL MILLER, of Connecticut
JOSEPH WEBSTER COX, of Maryland	ROBERT MAURICE MILLER, Jr., of Maryland
WARNER HARRIS DAVIS, of Maryland	JAY ELI MISHLER, of New Jersey
CHARLES DE WITT, III, of Maryland	WILLIAM MARTELLE MORRILL, of Maryland
CHARLES HENRY DOELLER, Jr., of Maryland	JOHN KEENER MOUNT, of Maryland
J. WILLIAM DORMAN, Jr., of Maryland	ROWLAND McDOWELL NESS, of Maryland
LEONARD EAGAN, of Maryland	JOSEPH S. NOWAK, of Maryland
JOSEPH TOWNSEND ENGLAND, Jr., of Maryland	JOHN WHITE PENDLETON, of Virginia
LEROY WHITING FARINHOLT, Jr., of Maryland	EUGENE L. PESSAGNO, Jr., of Maryland
JOHN ROYDEN FORSYTHE, Jr., of Maryland	SAMUEL MARVIN REICHEL, of Maryland
MARVIN W. FRIEDMAN, of New York	JOHN HENRY RITZ, of Maryland
ALBERT RIFFEL GIBSON, of Maryland	HAROLD LAPIDES ROUND, of Maryland
HARRY SOLOMON GIMBEL, of Maryland	RICHARD WAMPLER SATTERTHWAITE, of Indiana
HENRY PETER GOLDBERG, of New York	IRVIN SAUBER, of Maryland
HERMAN KRIEGER GOLDBERG, of Maryland	KENNETH CAMPBELL SHARRETT, of Maryland
JACK GREENFIELD, of New York	ROBERT GUNTHER SHIRLEY, of Nebraska
NORMAN HACKERMAN, of Maryland	LEVIN GALE SHREVE, of Maryland
RICHARD DAVID HAHN, of Maryland	DAVID SAMUEL SYKES, of Maryland
OSCAR JOSEPH LESLIE HELM, of Maryland	ALLAN MONTGOMERY THATCHER, of Massachusetts
DANIEL LOEB HERMAN, of Maryland	RICHARD NELSON TILLMAN, of Maryland
MYRON HERMAN, of Maryland	JAMES ROYALL TIPPETT, Jr., of Maryland
CHARLES HERBERT HILL, of Virginia	JOHN ROBERTS UMBERGER, Jr., of Pennsylvania
ROBERT EMERY HITCHINS, of Maryland	DAVID TITUS WOODWARD VAUTHIER, Jr., of Maryland
JAMES BOYD HOFFMAN, of Maryland	GIBSON JACKSON WELLS, of Maryland
THOMAS HAMILTON HOGSHEAD, of Virginia	DANIEL WILFSON, Jr., of Maryland
DAVID HUTZLER HOLLANDER, of Maryland	HOWARD GRAHAM WOOD, of Maryland
LESTER HERMAN HORWITZ, of Pennsylvania	CHARLES SIDNEY YAVELOW, of New York
BENJAMIN HERBERT ISAACS, of Maryland	
CURTIS BENJAMIN JEFFERSON, of Florida	

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GRADUATING WITH HONOR

LEONARD HECHT COHAN

RICHARD DAVID HAHN

HOWARD GRAHAM WOOD

BACHELORS OF ENGINEERING

✓
GEORGE MICHAEL ALTSTETTER, of Maryland
GEORGE WILLIAM ARMSTRONG, Jr., of New York
LEON BECKMAN BACK, of Maryland
JOHN MORGAN BANDEL, of Maryland
DAVID MOORE BARRETT, of New York
DAVID JAMES BECKER, of Maryland
ALFRED JOHN BEKSINSKI, of Maryland
WALTER BELCO BELITZ, of Maryland
ADAM RAYMOND BIALOSKORSKI, of Maryland
DONALD STUART BITTINGER, of the District of Columbia
ROBERT ORDWAY BORTNER, of Maryland
RONALD BOWER BROOK, of Maryland
JACK O. CHEETKOF, of Maryland
GEORGE ISAAC CHINN, of Maryland
WILLIAM NORRIS COX, Jr., of Maryland
JOHN FRANCIS EISENHARDT, of Maryland
ALBERT W. FOWBLE, of Maryland
WALTER HOWARD GARRETT, of Maryland
JOHN EDWARD GOELLER, of Maryland
SEEDON ANDREW GRIKIT, of Maryland
LORNE RANDOLF GUILD, of Maryland
WILLIAM HOBBS, Jr., of Maryland
DAVID ARMON HUGHES, of Maryland

ALBERT PEMBERTON JOHNSON, of Maryland
CHARLES ELMER JUNG, of Maryland
FRANK JURAK, of Maryland
WILLIAM ROE KAHL, of Maryland
HOWARD DONALD MACLELLAN, of Maryland
EDWARD WIEGAND MATTINGLY, of Maryland
JOHN SELLMAN MAYNARD, of Maryland
THOMAS WILLIAM MELE, of Maryland
LEONARD MILLMAN, of Maryland
AUGUSTINE JOSEPH MULLER, of Maryland
JAMES WILLIAM PENNEY, of Maryland
MILTON REIZENSTEIN, Jr., of Maryland
PAUL VERNON RENOFF, of Maryland
JACK THEODORE RETTALIATA, of Maryland
WILLIAM MONROE RIMMEY, of Maryland
WALTER LE ROY STEGMAN, of Maryland
JAMES PHILLIPS STRONG, Jr., of Maryland
GUSTAVE TRIBULL, Jr., of Maryland
ROBERT EARLE WATTS, of Indiana
WILLIAM FREDERICK WEITZEL, of Maryland
CHARLES HENRY WHITBY, III, of Maryland
ROGER HERSPERGER WILLARD, of Maryland
DE FOREST DOUGLAS WOODRUFF, of Maryland

(46)

GRADUATING WITH HONOR

DAVID MOORE BARRETT
GEORGE ISAAC CHINN
WILLIAM HOBBS, JR.
ALBERT PEMBERTON JOHNSON

HOWARD DONALD MACLELLAN
ROBERT EARLE WATTS
CHARLES HENRY WHITBY, III

BACHELORS OF SCIENCE IN CHEMISTRY

✓
PAUL EDWARD MCCOY, of Maryland

THOMAS SPEDDEN WOLLENBERG, of Maryland

(2)

BACHELORS OF SCIENCE IN ECONOMICS

✓
EDGAR GORDON BIGGS, of Maryland
WILLIAM MORRIS BRULLE, of Maryland
WILLIAM WAILES COOPER, of Maryland
JOHN CLENDENIN CORCKRAN, of Maryland
SAMUEL MILLS DELL, Jr., of Maryland
EDWARD COMEGYS DUKEHART, of Maryland
ROBERT SCHAEFFING FISHER, of Maryland
WALTER ALBERT FREY, Jr., of Maryland
HAROLD HARRY GREENWALD, of Maryland
ISADOR CYRUS GUTMAN, of New Jersey

MERRILL MILLS HAMMOND, Jr., of Massachusetts
NATHAN MANUEL HARRIS, of Maryland
WALTER FRANCIS KNEIP, Jr., of Maryland
AUSTIN JENKINS LILLY, Jr., of Maryland
MILTON HOWARD METTEE, III, of Maryland
HENRY GAYMER SCHMIDT, of Illinois
ARTHUR SIEGEL, of New York
EDGAR MARTIN SKINNER, Jr., of Maryland
DAVIES RIND STORRS, of Maryland
JAMES NELSON WITHERELL, of Maryland

(20)

GRADUATING WITH HONOR

WILLIAM MORRIS BRULLE

DAVIES RIND STORRS

BACHELORS OF SCIENCE

HENRY ALBERT, JR., of Maryland	BERTHA SOLOMON LIBAUER, of Maryland
JULIA AUDOUN, of Maryland	NELLIE BLAKE MACKALL, of Maryland
LUCY WARING BALL, of Maryland	MARGARET PROSPERINE MASSICOT, of Maryland
ELLA STANSFIELD BEALL, of Maryland	CORNELIUS JAMES MCAULIFFE, of Maryland
HARVEY BENJAMIN BLANTON, of Texas	NELLIE G. MCGEE, of Maryland
TILLYE BRAUN, of Maryland	ETHEL RAMONA MELCHER, of Maryland
MARGARET LOUISE BUCHNER, of Maryland	BERTHA WOOD MERCER, of Maryland
GENEVIEVE PLACIDE BUTLER, of Maryland	MYRTLE MEUSHAW, of Maryland
EDNA R. CARTER, of Maryland	MARIE AGNES NEVILLE, of Maryland
EMILY DASHIELL, of Maryland	OMAR PANCOAST, JR., of Maryland
LYLA ENOS ERB, of Maryland	ROSS PANCOAST, of Maryland
SIDNEY WILHELM FISHBEIN, of Maryland	WILLIAM RODGERS PHIPPS, of Maryland
EVA MARIE FISHER, of Maryland	CHARLES ERNEST RECK, of Maryland
LEILA LOUISE FLEISCHAUER, of Maryland	MICHAEL JOSEPH REEDY, of Delaware
SISTER M. MARGUERITE FRIEL, of Maryland	HELEN E. RODGERS, of Maryland
MARGUERITE ELIZABETH FRUSH, of Maryland	ADELHEID FLORENCE ROSCHEN, of Maryland
EDITH GORDON, of Maryland	NINA MAE RUSSELL, of Maryland
MARY LOUISE GRAU, of Maryland	EMMA OSANNE SHARP, of Maryland
VIVIAN REBECCA GREENBERG, of Maryland	JOSIE MARGARET SHEA, of Maryland
MARY RUTH GUYTON, of Maryland	PHYLLIS PURNELL SILIN, of Louisiana
RUTH C. HARE, of Maryland	SARA ROSS SMITH, of Pennsylvania
MINNIE CLAIRE HELFRICH, of Maryland	ANDREW HARRISON SPEIR, of Maryland
ETHEL HEIGHE HILL, of Maryland	RUTH THOMAS, of Virginia
HENRY GROVER GEORGE HIRSCH, of Maryland	BARBARA SEIPPEL VOLZ, of Maryland
ARTHUR CHARLES HOLMES, of Maryland	SISTER M. ROBERTA WAGNER, of Maryland
RUTH JONES, of Maryland	HENRY BERNARD WASKOW, of Maryland
DOROTHY YOE KALBEN, of Maryland	MARY ELNORA WELLS, of Maryland
GRACE HOLLIS KELLUM, of Maryland	THALIA OLIPHANT WHARTON, of Maryland
BEATRICE GERTRUDE KENWORTHY, of Maryland	FANNIE CATHERINE WRIGHT, of Maryland
PEFRON NICHOLAS KOSMIDES, of Maryland	KATHERINE ALICE WRIGHT, of Maryland
ALLAN LEE, of Maryland	LILLIAN RENE ZENITZ, of Maryland

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RECIPIENTS OF CERTIFICATES IN PUBLIC HEALTH

GEORGE FRANKLIN BADGER, of Michigan, S.B. Massachusetts Institute of Technology 1929.	ADELARD GROULX, of Canada, M.D. University of Montreal 1924.
LUANG BHAYUNG, of Siam, G.M. Chulalongkorn University 1918.	CLEMENT DE GUISE, of Canada, A.B. University of Montreal 1919; M.D. 1925.
WILLIAM JOSEPH BRANDAY, of Jamaica, M.R.C.S. England, L.R.C.P. London 1927.	GEORGE CONRAD HALLEY, of Idaho, M.D. University of Maryland 1922.
LEROY EDGAR BURNEY, of Indiana, S.B. Indiana University 1928; M.D. 1930.	BENJAMIN GRAHAM HORNING, of Connecticut, S.M. University of Oregon 1923; M.D. Harvard University 1928.
AVERY ALA DRAKE, of Missouri, A.B. University of Missouri 1924; M.D. University of Colorado 1926.	RUSSELL BROOKS HOWARD, of Kentucky, M.D. University of Louisville 1927.
GEORGES LOUIS FRAISSINET, of France, M.D. University of Montpellier 1931.	SHIH CHEN KIANG, of China, M.D. Army Medical College (Peiping) 1920.
LYNN MASON GARNER, of Missouri, S.B. Missouri State University 1928; M.D. St. Louis University 1930.	JAROSLAV KLIMA, of Czechoslovakia, M.D. Charles University, Prague, 1922.
JACQUES PIERRE GODARD, of France, M.D. Faculty of Medicine, Paris, 1930.	DANIEL G. LAI, of China, A.B. Shanghai College 1918; S.B. University of Chicago 1920; M.D. 1925.

- PILAR HERNÁNDEZ LIRA, of Mexico, M.D. National University 1924.
- WILLIAM ROSS MAY, of Mississippi, M.D. Tulane University 1921.
- HUGH LONG McCALIP, of Mississippi, M.D. Vanderbilt University 1914.
- GEOFFREY MARSHALL MORRIS, of Tennessee, M.D.C.M. Dalhousie University 1928.
- YIN YUAN NI, of China, A.B. Hanchow College 1919; M.D. Peiping Union Medical College 1927.
- TORU OKUNO, of Japan, M.D. Tokyo Imperial University 1925; Dr.M.Sc. 1929.
- OSCAR PALESA, of Italy, M.D. Royal University of Padua 1917.
- PHILIP JAMES RAFLE, of New York, S.B. University of Buffalo 1926; M.D. 1926.
- JOSÉ RODRIGUEZ, of the Philippine Islands, M.D. University of the Philippines 1920.
- WILLIAM VAL SANFORD, of Tennessee, S.B. Virginia Military Institute 1914; M.D. Vanderbilt University 1918.
- DANIEL LAMONT SECKINGER, of Georgia, A.B. Lenoir-Rhyne College 1913; A.M. University of North Carolina 1915; M.D. Johns Hopkins University 1925.
- HUGH FRANCIS STANTON, of Arizona, S.B. St. Louis University 1925; M.D. 1927.
- ERNEST LYMAN STEBBINS, of Iowa, S.B. Dartmouth College 1925; M.D. Rush Medical College 1930.
- GARLAND LEHR WEIDNER, of Michigan, A.B. University of Louisville 1923; M.D. 1927.
- ADOLPH WEINZIRL, of Washington, S.B. University of Oregon 1922; M.D. 1925.
- HSUN-YUAN YAO, of China, M.D. Peiping Union Medical College 1925.
- BOGOYA YURUKOFF, of Bulgaria, M.D. University of Sofia 1926.

(33)

MASTER OF EDUCATION

WITH TITLE OF ESSAY

- RILEY SETH WILLIAMSON, of Maryland, A.B. Iowa University 1925.
The Correlation of Achievement in Woodwork, Sheet Metal and Electricity, the Three Subjects in the Industrial Arts Course of Study in the Baltimore Elementary Schools

(1)

MASTERS OF ENGINEERING

WITH TITLES OF ESSAYS

- RAYMOND COLBURN, of Maryland, S.B. University of Maryland 1929. Mechanical Engineering
Exhaust Conditions and Blade Erosion in Steam Turbines
- KARL EMIL ERTHAL, of Maryland, B.E. Johns Hopkins University 1931. Civil Engineering
An Experimental Study of the Stiffening Effect of the Superstructure upon a Reinforced Concrete Arch Rib
- JOHN ALFRED MYERS, of Maryland, B.E. Johns Hopkins University 1927. Electrical Engineering
Precision Frequency Measurement
- WARREN VIESSMAN, of Maryland, B.E. Johns Hopkins University 1922. Mechanical Engineering
Economic Proportioning of Boiler, Economizer and Air Heater Surfaces

(4)

MASTER OF SCIENCE IN HYGIENE

WITH TITLE OF ESSAY

- ANTHONY ALPHONSE HAJNA, of Connecticut, S.B. Gallaudet College 1930. Bacteriology
Bacteria Surviving Milk Can Washing

(1)

MASTERS OF ARTS

WITH TITLES OF ESSAYS

- MARTHA ELIZABETH BEETHAM, of Maryland, S.B. Johns Hopkins University 1926. Education
An Experimental Study in the Teaching of Phonics in the First Grade
- RACHEL LOUISE CARSON, of Maryland, A.B. Pennsylvania College for Women 1929. Zoology
The Development of the Pronephros during the Embryonic and Early Larval Life of the Catfish (*Ictalurus Punctatus*)
- WILLIAM LEWIS DOYLE, of New York. Zoology
Observations on the Behavior of Cytoplasmic Components of the Male Germ Cells in *Sciara Coprophila*
- EDWARD JAMES FLUCK, of Pennsylvania, A.B. Muhlenburg College 1930. Archaeology
Studies in Love Names on Greek Vases
- MARY LAURA FRANCIS, of Delaware, A.B. Women's College, University of Delaware 1926. Romance Languages
The Effect of the *Cid* Quarrel on Corneille.
- ESTHER GOMBOROV, of Maryland, A.B. Goucher College 1927. Political Science
Some International Aspects of the Slave Trade
- YVONNE DOROTHY GREEN, of Pennsylvania, A.B. Lebanon Valley College 1925. Romance Languages
L'Esprit Follet, Comédie d'Antoine Le Metel, sieur d'Ouville (1638-1639). Edition Critique.
- LOUISE NEWHALL JOHNSON, of Maryland, A.B. Goucher College 1927. English
Studies in Fulke Greville's *Caelica*
- VIVIAN LITTLE, of Georgia, A.B. Agnes Scott College 1924. Romance Languages
The Use of Maxims in the Sixteenth and Seventeenth French Tragedy (1550-1650).
- ANDRÉ GUSTAVE PARODI, of Switzerland, Licence ès Sciences économiques University of Geneva 1931. Political Economy
The Evolution of the Motion Picture Industry in the United States of America.
- JAMES WILSON POULTNEY, of Maryland. Greek
The Frogs of Aristophanes: A Study of Vocabulary and Inflections
- THEODORE CORNER RIDOUT, of New Jersey. English
The Feeling for Nature in the Elizabethan Antiquarians
- HELEN MADELINE MARY ROSS, of Canada, A.B. University of Alberta 1930. Archaeology
The Terra-Cotta Industry at Olynthus
- HELEN BARKLEY WILCOX, of the District of Columbia, A.B. Radcliffe College 1921. Romance Languages
A Critical Edition of Georges de Scudéry's *Comédie des Comédiens* with a Study of the "Play within a Play"

(14)

DOCTORS OF EDUCATION

WITH TITLES OF DISSERTATIONS

- MARY OLIVE EBAUGH, of Maryland, A.B. Goucher College 1907; A.M. Johns Hopkins University 1921
The Beginnings of Higher Education in Maryland
- CHESTER HERBERT KATENKAMP, of Maryland, S.B. Johns Hopkins University 1926; A.M. George Washington University 1930
Value of Individualized Instruction in Junior Business Training, Experimentally Determined
- SISTER GENEVIEVE RYAN, of Maryland, A.B. St. Joseph's College 1923; A.M. Mt. St. Mary's College 1930
An Experimental Comparison of the Daily Recitation and Workbook Methods of Teaching

(3)

DOCTORS OF ENGINEERING

WITH TITLES OF DISSERTATIONS

- GEORGE PIERCE DAIGER, of Maryland, B.E. Johns Hopkins University 1929. Electrical Engineering
Eddy Current Shielding and the Measurement of Resistivity
- GEORGE ALLISON IRLAND, of Pennsylvania, B.S. in Electrical Engineering 1915; M.E.E. Johns Hopkins University 1925. Electrical Engineering
Design and Calibration of a Portable Three Component Seismometer
- ELMER VERNON POTTER, JR., of Maryland, B.E. Johns Hopkins University 1928. Electrical Engineering
Phase Difference Measurements at Radio-Frequencies
- KARL ERNEST SCHOENHEER, of the District of Columbia, S.B. Massachusetts Institute of Technology 1922; A.M. George Washington University 1930. Mechanical Engineering
On the Resistance of Flat Surfaces Moving through a Fluid

(4)

DOCTORS OF PUBLIC HEALTH

WITH TITLES OF ESSAYS

JAMES ANDERSON CRABTREE, of Tennessee, S.B. University of Tennessee 1923; M.D. 1925; C.P.H. Johns Hopkins University 1929. Epidemiology

A Study of the Prevalence and Mortality of Tuberculosis in the Negro Population of Kingsport, Tennessee.

AYODHYA NATH DAS, of India, M.B.B.S. Allahabad University 1921; D.P.H. University of Lucknow 1922; C.P.H. Johns Hopkins University 1931. Epidemiology

A Study of the Trend of Age Selection of Poliomyelitis in the United States since 1910

HUGO MUENCH, JR., of Missouri, A.B. Cornell University 1915; M.D. Washington University 1918; C.P.H. Johns Hopkins University 1931. Biostatistics

Epidemic Encephalitis in Minnesota. A Statistical Analysis of Reported Cases from 1919 through 1929

DANIEL LAMONT SECKINGER, of Georgia, A.B. Lenoir-Rhyne College 1913; A.M. University of North Carolina 1915; M.D. Johns Hopkins University 1925; C.P.H. 1932. Filterable Viruses

Studies upon the Blood Chemistry and the Clinical and Immunological Nature of Infectious Myxoma

RALPH EMERSON WHEELER, of Massachusetts, A.B. Harvard University 1922; M.D. 1926. Epidemiology

A Study of Mortality and Morbidity in Children Exposed to Household Contact with Pulmonary Tuberculosis in Adults

(5)

DOCTORS OF SCIENCE IN HYGIENE

WITH TITLES OF DISSERTATIONS

LIZZIE HEPHZIBAH BEYNON, of Nebraska, A.B. University of Nebraska 1917; S.M. University of Chicago 1923. Biochemistry

Are Minute Inorganic Chemical Constituents of Biological Products Essential for Normal Growth and Reproduction? 1. Is Nickel Essential?

GEORGE EDWIN DANIEL, of Arkansas, S.B. University of Arkansas 1928. Protozoology

A Study of a Parasitic Disease of the Sea Herring, Clupea Harengus

ERIC CHRISTIAN GILLES, of Ceylon, L.R.C.P.S. Edinburgh, L.R.F.P.S. Glasgow 1924; L.M.S. Ceylon Medical College 1924; C.P.H. Johns Hopkins University 1926; D.P.H. 1931. Bacteriology

The Isolation of Tetanus Bacilli from Street Dust

MERIDIAN RUTH GREENE, of California, A.B. University of California 1926. Immunology

The Effects of Vitamins A and D on Antibody Production and Resistance to Infection

TAKEO IMAI, of Japan, Graduate, Faculty of Science, Tohoku Imperial University 1927. Biology

The Influence of Temperature on Variation and Inheritance of Bodily Dimensions in *Drosophila Melanogaster*

PEARL KENDRICK, of Michigan, S.B. Syracuse University 1914. Immunology

The Antigenic Properties of Bacteriophage Lysates of *Salmonella Suipetifer* As Indicated by the Antibody Response in Rabbits

KUMARAPURAM VYTHILINGA KRISHNAN, of India, M.B.B.S. Madras Medical College 1919. Protozoology

Resistance and Susceptibility to Indian Kala-azar and Their Bearing on the Transmission Problem of that Disease

JOHN MACKINTOSH NEWELL, of the District of Columbia, A.B. Cornell University 1927. Biochemistry

Studies on the Role of Zinc in Nutrition

ALICE CALVERT ROBERTS, of Maryland, A.B. Goucher College 1928. Physiological Hygiene

A New Method for the Preparation of Thrombin

DOYS ANDREW SHORB, of Idaho, S.B. College of Idaho 1928. Helminthology

Host-Parasite Relations of *Hymenolepis Fraterna* in the Rat and the Mouse

ASSUNTA VASTI, of New York, A.B. Barnard College 1929. Physiological Hygiene

The Insensible Water Loss through the Skin

GERALD FREEMAN WINFIELD, of Mississippi, S.B. Southern Methodist University 1928; S.M. University of Illinois 1929. Helminthology

Quantitative Experimental Studies on the Rat Nematode *Heterakis Spumosa*, Schneider, 1866

(12)

DOCTORS OF MEDICINE

- DUDLEY CYRUS BABB, of North Carolina, A.B. University of North Carolina 1928
- ARTHUR BAPTISTI, JR., of Pennsylvania, S.B. Princeton University 1928
- WILLIAM HALSEY BARKER, of Maryland, A.B. Princeton University 1928
- WALTER BECKH, of California, A.B. University of California 1926
- IRBY HARRY BLACK, of South Carolina, S.B. University of South Carolina 1928
- JAMES FRANKLIN BLACKMAN, of Michigan, A.B. Kalamazoo College 1928
- HERMAN HARRISON BRAXTON, of North Carolina, A.B. University of North Carolina 1928
- GEORGE FRANCIS BUSBY, of North Carolina, A.B. University of North Carolina 1928
- DEAN ALEXANDER CLARK, of Minnesota, A.B. Princeton University 1927; A.B. Oxford University 1929; B.Sc. 1930
- WARREN COONS CORWIN, of Minnesota, A.B. Yale University 1928
- NORMAN LEON CUTLER, of British Columbia, A.B. University of British Columbia 1922; M.S. Cornell University 1926
- BUSTER MATTHEW DEBUSKEY, of Maryland, A.B. Johns Hopkins University 1928
- GEORGE MELVIN DOYLE, of Massachusetts, S.B. Georgetown University 1926
- PATRICK HENRY DREWRY, JR., of Virginia, S.B. Randolph-Macon College 1928
- LYDIA BOWMAN EDWARDS, of Massachusetts, A.B. Radcliffe College 1927
- RICHARD TAK ENG, of China, S.B. University of Washington, 1928
- MALCOLM HEDGES FINLEY, of California, S.B. Massachusetts Institute of Technology 1925; A.M. Pomona College 1926.
- TERESA FOLIN, of Massachusetts, A.B. Vassar College 1928
- LINDOL RICHMOND FRENCH, of Vermont, A.B. Yale University 1927
- JOHN DAVIS GAMBILL, of Kentucky, A.B. Centre College 1928
- HYMAN LEVY GRANOFF, of Maryland, A.B. Johns Hopkins University 1928
- LAMAN ALEXANDER GRAY, of Arkansas, A.B. Arkansas College 1928
- JOSEPH EDGAR GREEN, II, of Pennsylvania, A.B. Dickinson College 1928
- STANTON MONTGOMERY HARDY, of New York, A.B. Princeton University 1928
- ROBERT RAINES HARRISS, of Georgia, S.B. Emory University 1928
- LLOYD AUGUSTUS HOFFMAN, of Maryland, S.B. Lafayette College 1928
- BOWMAN JOYNER HOOD, of Maryland, A.B. Johns Hopkins University 1926
- MARY STEWART HOOKE, of New York, A.B. Barnard College 1928
- JOHN STEWART HOWE, of South Dakota, A.B. University of South Dakota 1928
- FRANK JOSEPH JARZYNSKA, of Michigan, A.B. Johns Hopkins University 1928
- THOMAS THWEATT JONES, of Texas, A.B. Davidson College 1928
- ARTHUR COHEN KALISCH, of Pennsylvania, A.B. Johns Hopkins University 1928
- WAYNE PLUMBLEY KELLEY, of New York, A.B. Colgate University 1926; M.S. 1928
- JOHN GRAYDON KIDD, of Texas, A.B. Duke University 1928
- HORACE ADELBERT KNOWLTON, JR., of Arkansas, A.B. Princeton University 1928
- HARRY DAYTON KRUSE, of New Jersey, A.B. Dickinson College 1922, A.M. 1927; Sc.D. Johns Hopkins University 1926
- WYLAND FENWAY LEADBETTER, of Maine, S.B. Bates College 1928
- NORMAN ARNOLD LEVY, of New Jersey, A.B. Princeton University 1928
- CHARLES REA LONGENECKER, of Pennsylvania, S.B. Pennsylvania State College 1928
- ROBERT CARLISLE MAJOR, of South Carolina, A.B. Wofford College 1928
- SARAH GERTRUDE MAZICK, of Rhode Island, A.B. Brown University 1928
- MARJORIE CLARA MEEHAN, of Massachusetts, A.B. Wellesley College 1926
- EDWARD FORTUNE MILAN, of Maryland, B.S. in Chemistry Johns Hopkins University 1924; Ph.D. 1927
- HARRY BRYAN NEEL, of North Carolina, A.B. Washington and Lee University 1928
- ROBERT ANDREW PAUL REITER, of Maryland, A.B. Johns Hopkins University 1928
- JOHN GORDON RENNIE, of Virginia, A.B. Washington and Lee University 1928
- JONATHAN EVANS RHODES, of Pennsylvania, A.B. Haverford College 1928
- EDITH COURTENAY ROBINSON, of South Carolina, A.B. Randolph-Macon Woman's College 1927; M.S. University of South Carolina 1928
- MARTIN COLLINS ROGERS, of New York, A.B. Johns Hopkins University 1928
- SAMUEL ANDREW ROMANO, of Mississippi, S.B. University of Notre Dame 1928

- RICHARD HERMANN SCHMIDT, JR., of Virginia, S.B. Roanoke College 1928
- KATHRYN LOUISE SCHULTZ, of Illinois, S.B. University of Chicago 1928
- HENRY GERARD SCHWARTZ, of New York, A.B. Princeton University 1928
- MAMIE SHAW, of Florida, A.B. Agnes Scott College 1927; M.S. University of Florida 1928
- HARRIS B. SHUMACKER, JR., of Arkansas, S.B. University of Chattanooga 1927; A.M. Vanderbilt University 1928
- JOHN MORLAND SPENCE, JR., of Maryland, A.B. Washington and Lee University 1928
- DAVID HENRY SPRONG, JR., of California, A.B. University of California 1927
- HIRSH WOLF SULKOWITCH, of Maine, S.B. Massachusetts Institute of Technology 1928
- RICHARD CARMICHAEL TILGHMAN, of Maryland, A.B. Johns Hopkins University 1925
- MARTIN BUEL TINKER, JR., of New York, A.B. Harvard University 1928
- PAUL SIMON TSCHETTER, of South Dakota, S.B. Huron College 1928
- T. BRENT WAYMAN, of Virginia, A.B. University of Richmond 1928
- RICHARD JOHN WEHS, of Pennsylvania, S.B. University of Notre Dame 1928
- HYMAN A. WEINER, of Maryland, A.B. Johns Hopkins University 1927
- WALTER WEISSENBORN, of Kansas, A.B. University of Kansas 1928
- GEORGE LOUIS WELLER, JR., of the District of Columbia, A.B. Johns Hopkins University 1927
- YU-CHANG YIN, of China, A.B. John Hopkins University 1928

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DOCTORS OF PHILOSOPHY

WITH TITLES OF DISSERTATIONS

- BENJAMIN WILSON ALLAN, of Maryland. Chemistry
A Study of the Diffusion of Electrolytes in Gels
- ELINOR LEE BEEBE, of Kansas, A.B. Fairmount College 1914; A.M. Columbia University 1928. Psychology
Motor Learning of the Child in Balance and in Hand and Eye Coördination as Related to Nutrition
- GERRIT BEVELANDER, of New York, A.B. Hope College 1926; A.M. University of Michigan 1928. Zoology
Behavior of the Cereariae of *Bucephalus Elegans* with Special Reference to the Effect of Light and Temperature
- JOSEPH GREGORY BLANDI, of Maryland, B.S. in Economics Johns Hopkins University 1928. Political Economy
Maryland Business Corporations—1783-1852
- ROBERT WILLIAM CAIRNS, of Ohio, A.B. Oberlin College 1929. Chemistry
An X-Ray Investigation of the System Nickel-Oxygen-Water
- LUCILE J. CALDWELL, of Georgia, A.B. Agnes Scott College 1925; S.M. Emory University 1928. Zoology
The Endomietic Cycle and Its Relation to the Origin of Heritable Variations in *Paramecium Aurelia*
- MARIE LOUISE CARRO, of Maryland, A.M. University of Chicago 1924. Romance Languages
La Mythologie Classique au XVII^e Siècle. L'Invention Moderne
- FRANK O'NEIL COCKERILLE, of Indiana, S.B. in Chemistry University of Michigan 1927
Incipient Oxidation in Higher Aliphatic Hydrocarbons
- BERNARD MILTON COHEN, of Maryland, A.M. Johns Hopkins University 1931. Zoology
Inheritance in an Inbred Clone of Circular Euplotes Patella
- HOWARD EARL COOPER, of Maryland, B.C.S. University of Denver 1923; S.B. 1925; S.M. Columbia University 1927. Political Economy
The Application of Standard Costs to Factory Overhead Expenses
- ELIZABETH AYLER CRIGLER, of North Carolina, A.B. Goucher College 1927. Chemistry
Raman Effect in Liquids and in Liquid Mixtures
- VICTOR RICHARD DEITZ, of Maryland. Chemistry
Molecular Symmetry and the Vapor Pressures of Solid Benzene, Cyclohexene
- PARKE ATHERTON DICKEY, of Pennsylvania. Geology
Part I: The Igneous Rocks and Tectonics of the Lesser Antilles and Northern South America. Part II: A Reconnaissance of the Igneous Rocks of the Peninsula of Paraguana, Venezuela. Part III: A Reconnaissance of the Igneous Rocks of the Island of Aruba, Dutch West Indies
- FRANK DIEHL, of Maryland, Ph.B. University of Michigan 1909; A.M. Columbia University 1915; B.D. Union Theological Seminary 1904; A.M. Johns Hopkins University 1924. Philosophy
An Historical and Critical Study of Radical Behaviorism as a Philosophical Doctrine
- RIDGELY CORBIN DORSEY, of Virginia, A.B. Richmond College 1928. History
Anglo-German Relations, 1908-1912

- ARTHUR EDWIN DU BOIS, of New York, S.B. Union College 1924; A.M. Syracuse University 1927. English
The Beginnings of Tragic Comedy in the Drama of the Nineteenth Century
- MICHAEL SMYSER EBERT, of Delaware, B.S. in Chemistry Lehigh University 1929. Chemistry
A Study of the System Acetaldehyde-Carbon Monoxide-Methane
- THOMAS ISAAC EDWARDS, of Maryland, A.B. Baker University 1928. Plant Physiology
Relations of Germinating Soybeans to Temperature and Length of Incubation Time
- PAULINE O. EIGLER, of Colorado, A.B. Colorado University 1927. Psychology
The Effect of Unusual Stimulation on Motor Coördination in Children
- WILLIAM TAFT FELDMAN, of Maryland, A.B. Johns Hopkins University 1926. Philosophy
The Fundamental Motivations in the Philosophy of John Dewey
- JOHN DOUGLAS PITTS FULLER, of South Carolina, S.B. The Citadel 1919; A.M. Johns Hopkins University 1928. History
The Movement for the Acquisition of All Mexico, 1846-1848
- RAYMOND LORAIN GARNER, of Missouri, A.B. Westminster College 1927. Physiological Chemistry
A Study of Aliphatic Diazo Compounds with Particular Reference to the Synthesis and Rearrangement Behavior of Triphenyldiazoethane, Triphenyldiazopropane and Several Related Substances
- EVELYN GENTRY, of Colorado, A.B. University of Colorado 1928; A.M. 1930. Psychology
Methods of Discrimination Training in White Rats
- ALBERT HORWELL GERBERICH, of Pennsylvania, A.B. Dickinson College 1918; A.M. University of Pennsylvania 1926. German
Luther and the English Bible
- ROBERT C. GILLIES, of New York, A.B. Princeton University 1920. Political Economy
Canadian and American Freight Rates
- KENNETH E. GLIDDEN, of Maine, S.B. University of New Hampshire 1925. Chemistry
A Study of Polarization Currents Due Solely to Changes in Electrode Area
- SAMUEL LEWIS GOLDHEIM, of Maryland, A.M. Johns Hopkins University 1931. Chemistry
Complex Compounds in Eder's Solution
- ELOISE ELAINE GREENE, of Georgia, B.S. in Chemistry, Georgia State College for Women 1924; A.M. George Peabody College 1928. Bacteriology
A Study of Spirochetes in the Cat, with Special Reference to Those of the Alimentary Tract
- ROBERT DANFORTH GREGG, of Ohio, A.B. Oberlin College 1923; A.M. University of Michigan 1925. History
The Influence of Border Troubles on Relations between the United States and Mexico, 1876-1910.
- THOMAS LUTHER GRESHAM, of Alabama, S.B. Emory University 1928; S.M. 1929. Chemistry
Some Isomeric Octanols
- MARION GRUBB, of Maryland, A.M. Johns Hopkins University 1929. Romance Languages
Caesar's Revenge (1607). A Critical Edition with a Study in French Literature
- PINHAS HAMBURGER, of Palestine. Political Economy
Tobacco Taxation in the United States
- WILTON COPE HARDEN, of Maryland, S.B. in Chemistry Johns Hopkins University 1922; S.M. University of Maryland 1929. Chemistry
The Condensation of Phenols with Aliphatic Aldehydes
- GORDON HUNTINGTON HARPER, of Maryland, A.B. Princeton University 1927. English
The Froude Family in the Oxford Movement
- CHARLES HENRY HARRY, of Maryland, A.M. Johns Hopkins University 1931. Mathematics
Concerning Spaces without Local Cut Points and a Geometry of Acyclic Spaces
- RICHARD MANSFIELD HAYWOOD, of Massachusetts, A.B. Dartmouth College 1926. Latin
Studies on Scipio Africanus
- EDWARD NILES HOOKER, of Maryland, A.B. Union College 1923; A.M. Syracuse University 1925. English
The Reputation of Dryden from 1700 to 1755: A Chapter in the History of Literary Taste in the Eighteenth Century
- EARL GLENDON INSLEY, of Maryland, S.B. in Chemistry Johns Hopkins University 1928. Chemistry
A Study of Certain Finely Divided Metals and a Method for Their Preparation
- WILLIAM NORTON JONES, JR., of Arkansas, A.B. Hendrix College 1928; A.M. Johns Hopkins University 1930. Chemistry
A Study on the Constitution of Some Sulphur Dyes
- KATHRINE KOLLER, of Maryland, A.B. Wittenberg College 1924. English
Studies in *Colin Clouts Come Home Againe*.
- MAURICE E. KRAHL, of Indiana, A.B. DePauw University 1929. Chemistry
The Dependence of Rate of Crystallization on Molecular Structure
- LEDRA LAWTON, of New York, S.B. in Chemistry Syracuse University 1924; S.M. University of Buffalo 1926. Chemistry
The Heat of Adsorption on Iron Prepared from Iron Amalgam
- RICHARD HENRY LEE, of Maryland, B.Sc. Princeton University 1925. Physics
Forced Double Refraction in Cubic Crystals
- CLARENCE MORRISON LOANE, of Maryland. Chemistry
A Study of the Activity of Finely Divided Metals and Metallic Oxides

- EDGAR FAUVER LONG, of Maryland, A.B. Blue Ridge College 1911; A.M. Kansas University 1916. Education
The Origins of the American Public School Prior to 1800
- EARL CHRISTIAN LORY, of Colorado, S.B. in Chemistry Colorado Agricultural College 1928. Chemistry
Study of Some Metal Chromites
- ROBERT CLIFTON LUMPKIN, of Maryland, A.B. St. John's College 1925. Psychology
Conditions Determining Nystagmus in the Rabbit
- CLIFFORD PIERSON LYONS, of Maryland, A.B. Cornell College 1925. English
The Framework of the *Canterbury Tales*
- MONROE HARNISH MARTIN, of Pennsylvania, S.B. Lebanon Valley College 1928. Mathematics
On Infinite Orthogonal Matrices
- JULIUS MATZ, of the District of Columbia, B.Sc. Massachusetts Agricultural College 1913. Plant Physiology
Artificial Transmission of Sugar Cane Mosaic
- JOHN WILLIAM MAUCHLY, of Maryland. Physics
The Third Positive Group of Carbon Monoxide
- MARY WILSON McGEHEE, of Maryland, A.B. University of Colorado 1916; A.M. Johns Hopkins University 1926. Archaeology
Replica Scenes on Attic Red-Figured Vases
- DAVID RICE MCKEE, of Maryland, A.B. Princeton University 1924. Romance Languages
Simon Tyssot de Patot: A Forerunner of French Philosophers of the Eighteenth Century
- JANE DICK MEYER, of Pennsylvania, A.B. Wilson College 1928. Chemistry
The Higher Alcohols and Their Physical Constants
- THEODOSI ALEXEI MOGILNITSKY, of Maryland. Political Economy
Money and Banking in Soviet Russia from 1917 to 1931
- GEORGE TUFFORD MOODY, of Ohio, Ph.B. Wesleyan University 1929. Romance Languages
Medical Practitioners and Practices in French Literature of the First Half of the Seventeenth Century (1600-1660)
- JOSEPH EUGENE MORSH, of Canada, A.B. University of British Columbia 1929. Psychology
Galvanometric Indications of Auditory Sensitivity
- ORVAL HOBART MOWRER, of Missouri, A.B. University of Missouri 1931. Psychology
The Modification of Nystagmus by means of Repetition
- EDWARD TAYLOR NORRIS, of Maryland, A.B. Johns Hopkins University 1921. English
The Plays of Edward Ravenscroft
- JOSÉ HEEREN PARDO, of France, A.B. Cambridge University 1925; S.M. Louisiana State University 1927; A.M. Cambridge University 1929. Plant Physiology
Nutritional Value of the Ammonium Ion for Higher Green Plants, Especially Agricultural Forms
- ROBERT FRANKLIN PITTS, of Indiana, S.B. Butler University 1929. Zoology
The Relation between Hydrogen Ion Concentration, Inorganic Salts Concentration, and Rate of Locomotion in Amoeba Proteus
- CLIFFORD LADD PROSSER, of New York, A.B. University of Rochester 1929. Zoology
Correlation between Structure and Function in the Neuromuscular System of the Earthworm, *Eisenia Foetida*, Sav.
- MAURICE LEON RADOFF, of Texas, A.B. University of North Carolina 1926; A.M. 1927. Romance Languages
The Characters in the French Farce of the Fifteenth and Sixteenth Centuries and Their Relationship to the Characters in French Comedy from 1552 to the End of the Century
- CHESTER RANDALL, of the District of Columbia, A.B. Oberlin College 1923. Physics
Ultrasonic Measurements of the Compressibility of Solutions and of Solid Particles in Suspension
- JOHN SMITH REESE, IV, of Delaware, A.B. Princeton University 1927. Chemistry
Orienting Influences in the Benzene Ring
- KENNETH W. ROWE, of Minnesota, A.B. Carleton College 1929. Political Economy
Mathew Carey: A Study in American Economic Development
- JOHN RICHARD RUHOFF, of Wisconsin, S.B. University of Wisconsin 1929. Chemistry
I. A Series of Dimethyl Amides
II. A Group of Isomeric Esters
- HERBERT FRANCIS SCOTT-THOMAS, of Canada, A.B., University of Toronto 1923; A.M. 1926; B.D. Knox College, Toronto, 1927. English
The Life and Works of Nahum Tate
- JOEL I. SEIDMAN, of Maryland, A.B. Johns Hopkins University 1926. Political Economy
The Yellow Dog Contract
- MARY ALICE SOLLMANN, of Ohio, A.B. Wellesley College 1928. Latin
Livy As a Topographer of Rome
- SAMUEL WHITEFIELD STEVENSON, of North Carolina, A.B. University of North Carolina 1921; A.M. Johns Hopkins University 1930. English
"Romantic" Tendencies in the Work of Dryden, Addison and Pope
- RICHARD GABRIEL STONE, of Maryland, A.B. Western Maryland College 1926. Political Economy
Hezekiah Niles As An Economist
- KWOH-MO TSÜ, of China, A.B. University of Nanking 1927. Political Science
Leased Areas and Concessions in China, with Special Reference to Their Retrocession
- NATHANIEL BEVERLEY TUCKER, of Virginia, S.B. Virginia Military Institute 1929; A.M. Johns Hopkins University 1931. Chemistry
Bifunctional Reactions of Dimercaptans Giving Cyclic and Polymeric Molecules

- KING-CHING WANG, of China, A.B. Fuh-Tan University 1926. Political Science
Impeachments in American Law and Practice
- FRED REMINGTON WHALEY, of Maryland, S.B. Northwestern University 1929. Chemistry
The Preparation and Properties of Free Radicals
- RICHARD MARKS WICK, of the District of Columbia, S.B. Massachusetts Institute of Technology 1925; S.M. 1926. Chemistry
The Analysis of Cyanide Silver-plating Solutions
- HERBERT ARNOLD WILKINSON, of Iowa, A.B. Johns Hopkins University 1929. Political Science
The Theory of the Succession of States and Its Interpretation by the United States
- WOODBURY WILLOUGHBY, of Maryland, S.B. Princeton University 1925. Political Science
The Capital Issues Committee and War Finance Corporation
- JOHN J. WOLFORD, of Ohio, A.B. Miami University 1925; A.M. Ohio State University 1927. Geology
The Geology of Owen County, North Central Kentucky
- JEWEL WURTSBAUGH, of Texas, A.B. Barnard College 1921; A.M. Columbia University 1926. English
Two Centuries of Spenserian Scholarship—1609 to 1805

